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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/648,405	08/24/2000	Dave Williams		7340

7590 01/15/2002

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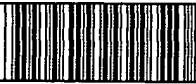
EXAMINER

FOSTER, DAVID A

ART UNIT	PAPER NUMBER
2841	

DATE MAILED: 01/15/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/648,405	Applicant(s) Williams
	Examiner David Foster	Art Unit 2835
		
<i>-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</i>		
Period for Reply		
<p>A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.</p>		
<ul style="list-style-type: none"> - Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). 		
Status		
<p>1) <input checked="" type="checkbox"/> Responsive to communication(s) filed on <u>Aug 24, 2000</u></p>		
<p>2a) <input type="checkbox"/> This action is FINAL. 2b) <input checked="" type="checkbox"/> This action is non-final.</p>		
<p>3) <input type="checkbox"/> Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i>, 1935 C.D. 11; 453 O.G. 213.</p>		
Disposition of Claims		
<p>4) <input checked="" type="checkbox"/> Claim(s) <u>1-9</u> is/are pending in the application.</p>		
<p>4a) Of the above, claim(s) _____ is/are withdrawn from consideration.</p>		
<p>5) <input type="checkbox"/> Claim(s) _____ is/are allowed.</p>		
<p>6) <input checked="" type="checkbox"/> Claim(s) <u>1-9</u> is/are rejected.</p>		
<p>7) <input type="checkbox"/> Claim(s) _____ is/are objected to.</p>		
<p>8) <input type="checkbox"/> Claims _____ are subject to restriction and/or election requirement.</p>		
Application Papers		
<p>9) <input checked="" type="checkbox"/> The specification is objected to by the Examiner.</p>		
<p>10) <input type="checkbox"/> The drawing(s) filed on _____ is/are objected to by the Examiner.</p>		
<p>11) <input type="checkbox"/> The proposed drawing correction filed on _____ is: a)<input type="checkbox"/> approved b)<input type="checkbox"/> disapproved.</p>		
<p>12) <input type="checkbox"/> The oath or declaration is objected to by the Examiner.</p>		
Priority under 35 U.S.C. § 119		
<p>13) <input checked="" type="checkbox"/> Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).</p>		
<p>a) <input type="checkbox"/> All b) <input type="checkbox"/> Some* c) <input checked="" type="checkbox"/> None of:</p>		
<p>1. <input checked="" type="checkbox"/> Certified copies of the priority documents have been received.</p>		
<p>2. <input type="checkbox"/> Certified copies of the priority documents have been received in Application No. _____.</p>		
<p>3. <input type="checkbox"/> Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</p>		
<p>*See the attached detailed Office action for a list of the certified copies not received.</p>		
<p>14) <input type="checkbox"/> Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).</p>		
Attachment(s)		
<p>15) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</p>		
<p>16) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p>		
<p>17) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s). <u>2</u></p>		
<p>18) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s): _____</p>		
<p>19) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p>		
<p>20) <input type="checkbox"/> Other: _____</p>		

DETAILED ACTION
SCREW LESS CLIP MOUNTED COMPUTER DRIVE

Williams

Specification

1. The following guidelines illustrate the preferred layout and content for patent applications. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

The following order or arrangement is preferred in framing the specification and, except for the reference to "Microfiche Appendix" and the drawings, each of the lettered items should appear in upper case, without underlining or bold type, as section headings. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) Title of the Invention.
- (b) Cross-References to Related Applications.
- (C) Statement Regarding Federally Sponsored Research or Development.
- (d) Reference to a "Microfiche Appendix" (see 37 CFR 1.96).
- (e) Background of the Invention.
 - 1. Field of the Invention.
 - 2. Description of the Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) Brief Summary of the Invention.
- (g) Brief Description of the Several Views of the Drawing(s).
- (h) Detailed Description of the Invention.
- (I) **Claim or Claims (commencing on a separate sheet).**
- (j) Abstract of the Disclosure (commencing on a separate sheet).
- (k) Drawings.
- (l) Sequence Listing (see 37 CFR 1.821-1.825).

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Abstract

2. The abstract of the disclosure does not commence on a separate sheet in accordance with 37 CFR 1.52(b)(1). A new abstract of the disclosure is required and must be presented on a separate sheet, apart from any other text.

3. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Priority

4. Acknowledgment is made of applicant's claim for foreign priority based on a patent filed in The Republic of China on September 7, 1999. It is noted, however, that applicant has not filed a certified copy of the patent as required by 35 U.S.C. 119(b).

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

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6. Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Justice et al. (6,299,266).

Reference claim 1. Justice et al. disclose a screw less means for attaching a computer drive comprising securing clips (Figure 2, item 220) and securing pins (Figure 3, item 240).

Reference claim 2. Justice et al. disclose a SCREW LESS computer drive attachment means as in claim 1 wherein the securing clips further comprise at least two securing pins (Figure 2, items 240) small enough and long enough to fit through holes present on the computer chassis (Figure 3, item 210), into the standardized screw holes (Figure 2, items 300) present on the computer drive.

Reference claim 3. Justice et al. disclose a SCREW LESS computer drive attachment means as in claim 2 further comprising a means for attaching the securing clips to the computer chassis (Figure 2, item 230).

Reference claim 4. Justice et al. disclose a screw less means for attaching a computer drive comprising securing clips, securing pins and clip mounting features (Figure 3).

Reference claim 5. Justice et al. disclose a SCREW LESS computer drive attachment means as in Claim 4 wherein the Axxion Application securing clips further comprise at least two securing pins small enough and long enough to fit through holes present on the computer chassis, into the standardized screw holes present on the computer drive (Figure 3, items 240 and Figure 2, items 300).

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Reference claim 6. Justice et al. disclose a SCREW LESS computer drive attachment means as in Claim 5 wherein the securing clips further comprise flexible tabs (Figure 3, item 220 and column 3, line 33) designed to engage the clip mounting features.

Reference claim 7. Justice et al. disclose a SCREW LESS computer drive attachments means as in Claim 5 further comprising a means for attaching the clip mounting features to the computer chassis (Figures 2 and 3 and column 3, line 33).

Reference claim 8. Justice et al. disclose a SCREW LESS computer drive attachments means as in Claim 5 wherein the clip mounting features are formed from and as a part of the computer chassis (Figure 3, item 220 and column 3, line 33).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Justice et al. (6,299,266). Justice et al. do not disclose a method of assembly. However, the method of assembly is inherently obvious in view of the apparatus rejected above.

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Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The best art to consider with this application can be found in Siedow et al. (6,275,382), Allirot et al. (6,025,987), McAnally et al. (5,995,364) and Hsu (5,121,296). Siedow et al. disclose a mounting system for mounting peripheral devices that allows a peripheral device to be securely installed without tools and without separate fasteners, Allirot et al. disclose a mounting system having a mounting member having studs that engage in corresponding ones of the side fixing holes when the side mounting members are placed in engagement with the subsystem unit, McAnally et al. disclose a hard disk mounting bracket wherein the mounting is rotating attachment to a computer chassis with an alignment tab and Hsu discloses a computer housing assembly wherein the disk drive housing unit which has a disk drive housing unit for holding disk drives by L-shaped fastening rods.

Any inquiry concerning to this communication or earlier communications from the Examiner should be directed to David Foster whose telephone number is (703) 308-1763. The examiner can normally be reached on Monday through Thursday and alternate Fridays.

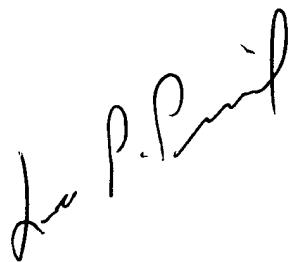
If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's Supervisor, Darren E. Schuberg, who can be reached on (703) 308-4815. The fax phone number for the organization where this application or proceeding is assigned is (703)308-7724.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

DAF

January 9, 2002

A handwritten signature in black ink, appearing to read "L.P. Picard".

Leo P. Picard
Supervisory Patent Examiner
Technology Center 2800